



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DKT. NO. MERCK 1883 C1	SERIAL NO. 09/484,259
	APPLICANT David COATES ET AL.	
	FILING DATE January 18, 2000	GROUP 2871

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
wjm	AA	5,710,609	1-1998	Shimada	349	130
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AM						
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	H. Birecki, "Liquid Crystal Alignment on Substrate Surfaces, A Collective Phenomenon", <i>Liq. Cry. Ordered Fluids</i> , 1984 (4) 853-64.
	AV	Behadur, LIQUID CRYSTAL APPLICATIONS AND USES, Vol. III, pgs. 1-36.
	AW	
	AX	
	AY	
	AZ	
Examiner Walter Malinowski		Date Considered May 6 2000

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